

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. Data prior to October 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Elevation of gage is 170 ft above sea level (from topographic map).

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 85.86 ft, Feb. 22, 1990; minimum gage height, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.94 ft, Jul. 23; minimum gage height, 71.24 ft, Sep. 30.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	77.17	73.30	74.89	75.97	73.29	74.70	75.09	73.01	73.76	76.23	72.96	74.13
2	82.62	73.14	76.05	81.22	74.62	77.40	75.68	73.08	74.01	75.51	72.57	73.74
3	76.82	73.10	73.57	77.86	74.34	75.92	75.96	73.11	74.05	75.55	72.91	73.56
4	76.81	73.15	74.49	76.81	73.64	75.22	74.85	73.03	73.37	79.86	72.89	75.36
5	77.18	72.56	75.36	77.27	73.92	75.19	76.56	73.14	73.97	81.43	74.16	75.78
6	76.96	73.00	75.23	76.43	73.96	75.18	75.08	73.08	73.49	82.71	73.15	77.13
7	77.78	72.51	75.31	77.46	73.89	76.06	73.11	73.08	73.10	75.55	72.95	73.78
8	79.14	72.86	75.15	77.32	74.29	75.80	74.16	73.08	73.20	77.02	73.04	74.28
9	75.52	72.79	74.00	75.84	73.94	74.99	73.10	73.01	73.06	76.57	72.96	73.95
10	76.83	73.04	74.43	76.44	74.06	75.25	74.03	72.75	72.98	76.83	73.30	75.03
11	76.34	72.71	74.16	76.65	75.20	75.94	75.59	72.75	73.18	78.75	73.13	75.05
12	77.12	72.90	74.62	75.88	74.48	75.35	74.67	73.15	73.54	76.66	73.38	74.42
13	75.84	71.93	73.91	77.08	74.29	75.59	76.01	73.55	74.77	75.12	72.65	73.81
14	76.48	73.19	74.37	78.08	73.80	75.45	77.25	73.17	75.22	75.57	73.37	74.21
15	75.58	73.25	74.28	73.80	73.10	73.24	82.71	74.05	78.57	74.30	72.74	73.06
16	75.42	73.18	73.71	76.20	73.10	74.23	76.74	72.96	74.26	73.07	73.01	73.05
17	76.28	73.18	74.17	76.02	73.86	74.61	76.66	73.07	74.76	73.03	72.77	72.82
18	75.22	72.93	73.77	76.68	72.77	74.16	77.25	73.27	74.85	72.84	72.66	72.71
19	75.24	73.22	74.31	73.42	72.75	72.82	75.85	72.98	74.27	72.66	72.65	72.65
20	76.87	72.61	74.38	76.04	73.24	74.27	76.64	74.38	75.67	75.54	72.65	73.39
21	75.86	72.74	73.48	76.06	73.02	74.38	76.98	74.18	75.46	73.54	72.33	72.40
22	76.05	72.52	73.57	76.72	73.20	74.61	78.07	73.82	75.40	72.46	72.36	72.42
23	75.39	72.92	73.58	78.27	75.02	76.53	75.86	73.06	74.15	74.84	72.25	72.74
24	76.84	73.48	75.06	77.58	73.74	75.47	74.05	73.22	73.46	76.32	73.52	74.86
25	76.76	73.87	75.33	77.33	73.44	75.03	77.40	73.31	74.40	75.53	73.50	74.13
26	76.04	73.24	74.30	75.67	73.07	74.15	77.23	73.52	74.71	75.87	72.99	73.72
27	76.57	73.30	74.45	75.93	73.04	73.76	77.29	73.49	75.18	73.18	72.99	73.03
28	76.37	73.80	75.08	75.84	73.10	74.29	76.35	73.31	74.62	73.05	73.02	73.04
29	76.76	73.89	75.51	76.00	73.19	74.22	76.29	73.34	74.01	73.03	73.02	73.02
30	76.65	72.62	74.44	75.12	72.77	74.13	76.13	73.05	74.39	73.03	72.93	72.98
31	76.42	73.53	74.92	---	---	---	78.97	73.06	75.17	72.94	72.92	72.93
MONTH	82.62	71.93	74.51	81.22	72.75	74.93	82.71	72.75	74.36	82.71	72.25	73.78

