

COOPER RIVER BASIN

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwest of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to current year. Data prior to October 1988 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 5.00 ft below NGVD of 1929. Prior to Mar. 17, 1986, at same site at datum 5.00 ft lower.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.67 ft, June 26, 1991; minimum gage height, 1.78 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.11 ft, Sep. 22; minimum gage height, 3.14 ft, Mar. 7.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.58	5.91	8.33	11.07	5.84	8.08	9.28	4.00	6.69	10.35	4.86	7.25
2	11.81	5.82	8.36	11.01	6.00	8.15	10.97	4.36	7.03	11.26	4.83	7.18
3	11.73	6.12	8.33	11.23	6.64	8.38	10.50	5.03	7.22	8.47	3.91	6.37
4	10.11	6.30	8.24	11.21	6.05	8.20	10.93	5.18	7.42	9.49	4.09	6.49
5	10.16	5.46	7.66	10.43	6.20	7.92	9.70	5.24	7.55	10.43	4.27	6.66
6	10.36	5.72	7.66	11.32	5.53	7.76	11.27	4.71	7.23	9.83	3.30	6.47
7	11.18	5.66	7.58	11.31	5.82	8.03	10.96	5.26	7.75	10.81	4.00	7.45
8	10.58	5.64	7.68	11.23	5.77	7.97	11.00	5.37	7.71	9.01	4.95	6.92
9	10.21	5.49	7.68	10.63	6.14	8.10	10.41	5.34	7.41	10.15	4.34	7.67
10	11.53	5.75	7.95	10.82	6.45	8.32	10.54	5.28	7.74	10.37	4.69	7.63
11	11.41	5.75	7.83	9.81	5.57	7.75	10.66	5.23	7.19	9.48	5.04	7.54
12	11.66	6.35	7.93	10.35	5.34	7.52	9.83	4.94	7.22	8.36	4.07	6.61
13	10.30	5.54	7.99	9.67	4.16	6.49	9.21	4.98	7.38	8.76	4.95	6.44
14	11.25	5.55	8.29	10.62	4.99	7.67	11.29	5.96	7.97	10.36	5.46	7.72
15	10.74	5.21	7.73	9.42	5.29	7.29	10.76	5.55	7.71	10.37	3.86	7.06
16	9.63	5.28	7.44	8.97	4.85	6.96	8.96	5.44	7.29	11.13	5.40	7.52
17	10.80	5.83	7.93	10.66	4.15	6.85	10.29	5.37	7.38	10.79	4.99	7.19
18	10.98	4.92	7.30	11.45	4.67	7.30	9.27	4.46	6.87	10.14	4.61	6.97
19	9.27	5.31	7.25	11.46	5.62	7.66	8.98	4.83	7.04	11.13	3.95	7.02
20	10.36	5.04	7.53	11.52	5.15	7.92	11.02	3.78	7.05	10.81	4.94	7.84
21	10.60	5.56	7.53	11.29	5.86	7.81	10.98	4.34	7.42	8.93	5.45	7.23
22	11.15	4.40	7.26	10.31	5.33	7.58	10.66	4.50	7.28	10.28	5.64	7.47
23	10.80	5.70	8.11	9.68	5.21	7.72	9.59	4.31	7.12	10.52	5.89	7.23
24	10.31	5.80	7.91	10.54	5.08	7.91	10.08	4.78	7.36	8.45	4.79	6.84
25	10.56	5.70	7.92	11.19	4.92	8.32	10.69	4.65	7.05	11.37	4.63	7.70
26	9.86	5.29	7.79	9.55	5.56	7.84	10.29	4.28	7.34	8.47	6.14	7.50
27	10.57	5.84	8.12	8.96	5.77	7.79	9.55	6.15	7.94	8.45	6.31	7.48
28	10.31	5.83	7.97	11.28	5.36	8.00	8.67	5.63	7.07	10.43	5.85	7.51
29	10.42	5.98	8.41	9.63	3.84	6.51	10.12	4.88	7.10	10.97	3.66	6.78
30	11.53	5.93	8.56	10.05	4.96	7.19	9.78	4.28	6.56	8.58	3.18	5.84
31	10.85	6.00	8.25	---	---	---	10.11	4.42	7.05	11.05	3.18	6.98
MONTH	11.81	4.40	7.89	11.52	3.84	7.70	11.29	3.78	7.29	11.37	3.18	7.11

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, 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	11.51	4.80	7.15	10.85	4.78	6.67	10.63	5.27	7.44	---	---	---
2	10.36	5.10	7.20	8.55	4.02	6.15	11.29	4.63	7.25	---	---	---
3	11.14	5.05	7.43	10.32	3.24	6.00	---	---	---	---	---	---
4	10.83	4.26	6.83	10.33	3.70	6.58	9.99	4.55	6.82	---	---	---
5	8.86	5.29	7.06	10.04	3.89	7.03	---	---	---	---	---	---
6	10.73	4.78	7.56	9.56	4.42	6.79	10.95	5.52	7.74	---	---	---
7	9.26	4.44	6.94	10.27	3.14	6.37	---	---	---	10.17	5.39	8.00
8	7.98	4.25	6.37	9.15	3.87	6.61	---	---	---	8.88	5.48	7.43
9	10.48	4.90	7.03	8.71	6.01	7.36	---	---	---	9.74	5.29	7.53
10	9.38	4.95	6.93	9.28	6.27	7.80	---	---	---	9.66	5.28	7.52
11	7.86	5.31	6.83	10.09	5.69	7.71	---	---	---	9.89	5.27	7.59
12	10.67	5.29	7.63	8.37	4.81	6.96	11.14	5.65	8.04	9.47	5.84	7.65
13	11.05	5.44	7.55	9.27	5.04	7.18	---	---	---	10.08	4.96	7.42
14	10.72	5.15	7.56	10.47	5.05	7.26	---	---	---	---	---	---
15	10.25	5.02	7.82	10.50	4.86	7.22	---	---	---	9.44	5.28	7.35
16	11.39	5.40	7.56	10.97	4.64	7.29	---	---	---	9.72	4.91	7.01
17	10.65	5.95	7.65	9.94	5.07	7.17	---	---	---	9.52	4.90	6.72
18	10.79	5.66	7.55	10.76	5.23	7.70	---	---	---	9.10	4.82	6.81
19	11.35	5.24	7.43	10.69	5.14	7.48	9.95	4.04	6.49	9.49	4.77	7.03
20	11.78	4.89	7.58	10.81	5.47	7.63	9.75	4.04	6.64	9.07	4.77	7.26
21	8.92	4.18	6.56	9.99	4.86	7.20	9.91	4.29	7.07	8.85	4.19	6.96
22	9.55	4.00	7.12	10.65	5.22	7.86	8.25	4.45	6.75	9.17	4.31	6.46
23	9.71	5.45	7.38	10.70	5.36	7.77	9.10	4.16	7.13	7.99	4.52	6.42
24	9.66	5.25	7.54	8.94	5.44	7.12	7.93	4.11	6.45	9.53	4.45	7.15
25	10.64	6.40	8.00	10.40	4.49	7.08	8.56	4.14	6.44	8.50	4.22	6.63
26	11.39	6.44	8.42	8.73	4.68	6.54	8.45	4.92	6.75	9.23	3.84	6.79
27	9.92	5.99	7.72	8.01	4.34	6.48	---	---	---	9.13	3.65	6.82
28	11.37	6.08	8.32	9.12	4.18	6.52	9.85	5.30	7.19	10.72	4.06	7.29
29	10.98	5.04	7.02	8.84	5.57	7.36	10.11	5.55	7.40	9.77	3.86	6.65
30	---	---	---	11.53	5.79	8.25	---	---	---	9.68	5.35	7.52
31	---	---	---	10.84	6.19	7.81	---	---	---	11.30	4.68	7.50
MONTH	11.78	4.00	7.37	11.53	3.14	7.13	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	11.36	4.33	6.98	10.54	5.76	7.87	11.06	5.75	8.24	9.95	5.72	8.06
2	9.57	5.22	7.56	---	---	---	9.18	5.94	7.76	10.23	5.81	8.08
3	10.65	5.46	7.46	---	---	---	10.55	5.90	8.08	9.97	5.66	7.80
4	9.63	5.48	7.50	10.75	5.42	8.02	11.14	5.76	8.13	11.10	5.03	7.77
5	11.12	5.14	8.05	---	---	---	10.47	5.48	7.92	10.15	6.27	7.96
6	11.27	5.49	7.95	10.22	5.40	7.76	10.08	4.93	7.57	11.74	5.90	8.16
7	9.82	5.48	7.61	10.40	5.40	7.68	10.72	5.38	7.66	11.99	5.93	8.28
8	9.03	5.31	7.42	10.63	5.13	7.76	11.48	5.16	7.80	11.57	6.37	8.48
9	11.13	5.26	7.59	9.36	5.34	7.34	9.26	5.45	7.49	11.39	4.66	7.13
10	11.56	4.97	7.79	10.46	4.81	7.45	10.14	4.66	7.04	9.57	4.10	6.83
11	10.26	4.87	7.45	9.10	4.95	7.16	11.11	4.31	6.98	9.25	4.80	6.95
12	10.18	5.14	7.27	9.72	4.79	7.03	10.95	4.11	6.92	11.20	5.79	7.83
13	9.61	5.79	7.50	9.79	5.54	7.28	11.25	4.92	7.49	11.20	5.94	7.94
14	11.21	5.80	7.84	9.36	5.24	7.06	9.98	5.01	6.95	10.66	6.03	7.93
15	10.07	5.58	7.85	9.44	5.13	6.93	10.05	4.34	6.59	10.24	6.38	8.09
16	9.80	4.68	7.29	9.47	5.15	7.25	9.49	4.57	7.13	11.16	5.78	8.03
17	9.40	4.82	7.12	10.16	5.45	7.34	10.58	4.91	7.58	10.24	5.84	8.27
18	10.35	4.92	7.06	8.73	5.20	7.19	11.46	5.30	8.13	9.93	4.36	7.07
19	10.32	4.56	6.98	9.63	5.06	7.41	10.87	5.06	7.71	10.07	4.30	7.36
20	---	---	---	10.71	5.05	7.73	9.54	4.66	7.21	10.45	5.16	7.77
21	10.59	5.90	7.96	11.50	4.82	7.32	10.61	4.24	7.12	10.59	5.97	8.27
22	11.05	5.87	8.17	11.16	5.00	7.50	10.96	3.41	6.91	12.11	5.70	8.54
23	9.01	4.48	6.92	9.98	5.07	7.53	11.17	4.23	7.30	11.58	5.57	7.92
24	---	---	---	11.18	4.68	7.62	11.44	4.79	7.57	10.32	5.57	8.05
25	9.43	4.53	6.89	11.23	4.17	7.31	10.61	5.74	7.65	10.77	5.98	8.02
26	---	---	---	10.62	4.57	7.36	10.36	4.30	7.31	10.57	6.34	8.38
27	---	---	---	10.05	4.80	7.48	11.08	5.71	7.68	11.53	6.44	8.99
28	11.00	3.65	7.01	11.81	3.83	7.30	10.62	5.95	7.97	9.84	6.88	8.22
29	10.44	5.16	7.25	10.54	3.57	7.08	11.96	6.00	8.69	9.65	4.55	7.18
30	---	---	---	10.39	5.26	7.51	9.91	6.59	8.07	11.64	5.01	7.78
31	---	---	---	10.80	5.54	8.04	10.05	5.97	7.87	---	---	---
MONTH	---	---	---	---	---	---	11.96	3.41	7.57	12.11	4.10	7.90