

02176720 MAY RIVER NEAR BLUFFTON, SC

LOCATION.--Lat 32°13'54'', long 80°52'10'', Beaufort County, Hydrologic Unit 03050208, wooden shelter is attached to the railing of a dock 0.4 mi south of Bluffton.

DRAINAGE AREA.--20.9 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to June 2004 (discontinued).

REVISED RECORDS.--WRD SC-2004-1:2002-2003.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 15 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,100 ft³/s, Dec. 24, 2003, maximum gage height, 19.73 ft, Dec. 4, 2002; minimum discharge, -33,600 ft³/s, Apr. 17, 2003, minimum gage height, 6.15 ft, Mar. 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 44,100 ft³/s, Dec. 24, maximum gage height, 18.95 ft, Nov. 26; minimum discharge, -30,300 ft³/s, May 5, minimum gage height, 6.15 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	21200	-18200	19000	-10400	14100	-11000
2	---	---	---	---	---	---	20500	-15100	17800	-11000	18100	-16300
3	---	---	---	---	---	---	18200	-14100	12700	-13900	20600	-17900
4	---	---	---	---	---	---	19100	-17700	22800	-13500	22500	-18300
5	---	---	---	---	---	---	20700	-18200	13900	-11300	28000	-27400
6	---	---	---	---	22700	-19400	---	---	13100	-16000	30300	-31700
7	---	---	---	---	26200	-22300	---	---	14700	-19500	32500	-33500
8	---	---	---	---	28900	-24400	---	---	22100	-25500	36200	-31000
9	---	---	---	---	28700	-24700	---	---	23900	-29300	32200	-29300
10	---	---	---	---	26600	-25800	24900	-21700	26400	-22500	29800	-24600
11	---	---	---	---	28400	-26700	25800	-20800	23500	-25400	29400	-21200
12	---	---	---	---	26800	-24400	27100	-23300	21400	-17700	23700	-21200
13	---	---	---	---	28100	-26100	22400	-22400	19900	-18600	21900	-17200
14	---	---	---	---	30700	-25400	22400	-20500	19100	-13400	17900	-15500
15	---	---	---	---	35100	-27200	27700	-16800	16000	-12800	18000	-14400
16	---	---	---	---	28700	-24200	21600	-15100	14800	-11500	21200	-13200
17	---	---	---	---	26400	-24200	20500	-16400	14900	-10300	18100	-16000
18	---	---	---	---	28200	-22800	18600	-16600	15600	-15700	18600	-18600
19	---	---	---	---	28200	-22500	20200	-16800	17800	-14500	29600	-19700
20	---	---	---	---	30400	-23400	---	---	16100	-13600	28000	-23600
21	---	---	---	---	32200	-27000	---	---	18300	-15500	29500	-25300
22	---	---	---	---	---	---	---	---	14100	-13200	28800	-22400
23	---	---	---	---	---	---	---	---	19100	-14600	24800	-20600
24	---	---	---	---	---	---	---	---	25600	-14800	20600	-17400
25	---	---	---	---	---	---	19700	-19800	29100	-20500	23200	-17700
26	---	---	---	---	---	---	21800	-18500	39200	-21000	17200	-17900
27	---	---	---	---	---	---	19700	-16600	18100	-15400	26600	-13300
28	---	---	---	---	---	---	17300	-14900	20800	-11100	15100	-15700
29	---	---	---	---	25200	-16500	16700	-16700	18400	-11400	17400	-15400
30	---	---	---	---	21100	-14700	21100	-11700	19400	-14200	18800	-12800
31	---	---	---	---	---	---	15300	-12300	21400	-14100	---	---
MONTH	---	---	---	---	---	---	---	---	39200	-29300	36200	-33500

BROAD RIVER BASIN

02176720 MAY RIVER NEAR BLUFFTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	20700	-17300	27400	-25800	30200	-22100	32000	-30800	26700	-23200	29800	-24200
2	19100	-15600	31400	-27600	31100	-26300	30500	-27700	24900	-21400	29500	-22900
3	26000	-20200	32200	-29900	31200	-26900	24600	-25600	24200	-21000	29800	-23800
4	27400	-31000	34200	-30800	33700	-33100	27900	-25500	24200	-17100	30200	-21800
5	35200	-29700	35800	-32800	34600	-30000	26500	-22800	22100	-13500	27100	-19600
6	39800	-33100	34300	-29100	32500	-24900	25600	-17500	20500	-14600	23600	-20600
7	36600	-31800	31300	-26300	28500	-21500	23900	-13800	20500	-11000	---	---
8	32100	-30900	29400	-23800	27100	-18000	18800	-13600	16100	-9360	---	---
9	35500	-29100	26700	-22300	25200	-17400	15800	-10900	15000	-10200	18700	-11000
10	23400	-22700	23100	-18400	23600	-18600	17000	-10900	19500	-9220	18300	-9880
11	25200	-14900	22900	-17200	23100	-15700	---	---	20500	-12100	17800	-12200
12	21100	-14900	19900	-14100	22800	-13100	---	---	18900	-14000	17400	-12900
13	18000	-13700	19900	-17400	---	---	---	---	24100	-13700	16800	-14200
14	16600	-12900	22800	-17000	---	---	---	---	20500	-15100	24200	-18000
15	15300	-17000	24700	-19200	---	---	18800	-14600	24900	-22000	25200	-18400
16	20200	-16400	23700	-21100	20300	-16000	23300	-18800	29200	-27400	27800	-23100
17	21200	-14400	24500	-21400	25800	-20000	24700	-17800	30700	-29100	32200	-27700
18	18900	-15200	26800	-18100	27300	-22500	26000	-23400	31500	-27400	33200	-27900
19	18800	-14400	26900	-20300	27700	-22100	21200	-21100	30100	-27100	33700	-31000
20	20000	-14400	27000	-22400	27800	-23400	22300	-19300	31100	-27300	35000	-30700
21	23900	-16100	27100	-23300	27700	-17500	24000	-19600	29900	-23200	30500	-28500
22	23900	-20400	23800	-21000	24600	-17200	25700	-21700	25600	-22100	31100	-23400
23	21500	-15900	22200	-17500	24000	-17700	22100	-13800	21800	-18300	29800	-18900
24	19200	-15600	22200	-16700	30100	-23700	22400	-15800	26400	-16800	26300	-18300
25	24200	-20400	21200	-15200	17100	-14700	22400	-14600	25300	-18700	26000	-19400
26	23000	-18700	23200	-16900	27700	-20400	24300	-19500	24800	-18700	25100	-18200
27	23100	-17200	23200	-18300	30000	-20300	20700	-17100	26100	-21600	24300	-19800
28	21700	-17700	25900	-20100	25400	-18100	22700	-19400	27900	-21700	24800	-20100
29	21700	-18800	26700	-23200	24500	-18700	23600	-21100	---	---	27100	-19100
30	22600	-22000	22500	-17000	28100	-23800	25400	-25100	---	---	---	---
31	24500	-22400	---	---	28300	-26200	26600	-22600	---	---	28700	-21700
MONTH	39800	-33100	35800	-32800	---	---	---	---	31500	-29100	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25800	-22600	24400	-22300	37400	-25300	24400	-26000	28400	-22200	22800	-19100
2	25700	-21600	25600	-24100	34100	-25500	27500	-19000	27400	-17700	21600	-17400
3	22900	-21100	25600	-20900	32500	-25500	27500	-22100	27200	-17100	19500	-18700
4	23700	-21300	22700	-23300	36300	-24400	27600	-19700	24400	-16700	19200	-19100
5	23700	-16700	22200	-20100	26100	-22800	25500	-18300	28600	-18100	19200	-19200
6	20900	-19400	22100	-16300	32600	-23300	24600	-18500	25200	-22900	20600	-19200
7	21500	-14600	23600	-14600	35300	-23100	25100	-19200	29800	-20300	24300	-19900
8	27400	-17700	20700	-15600	33200	-24400	25800	-20500	26500	-25000	24100	-20600
9	20700	-14500	21700	-15900	33500	-24900	29400	-24400	30300	-25900	26100	-21500
10	21700	-16500	19100	-15100	37000	-28900	33000	-28500	31200	-26400	24100	-19600
11	20400	-19500	26200	-17600	37900	-29700	34300	-30500	30200	-23900	22000	-18400
12	23000	-18300	22900	-20000	34700	-31700	38300	-30100	28500	-24300	24700	-18800
13	25800	-21200	26800	-27200	36200	-32300	34800	-26600	29300	-22400	23000	-15400
14	29100	-23700	31100	-30100	37400	-31100	32800	-28200	27800	-19400	19200	-15600
15	31000	-27000	28700	-31200	37400	-30900	34700	-27200	26900	-17700	17700	-12400
16	35500	-30400	32400	-31300	34600	-27700	32600	-23700	24400	-15900	17100	-11000
17	35100	-33600	30400	-29900	33500	-25500	31800	-19800	21200	-14100	16300	-11400
18	33300	-31400	30800	-27500	30800	-21400	29400	-18700	16900	-12600	14100	-10600
19	33600	-27900	26200	-26000	30300	-19500	25600	-16900	16900	-12600	11500	-9800
20	30700	-26300	29200	-24000	22900	-17500	22400	-16900	15700	-13200	16200	-12700
21	29800	-23900	32900	-23600	22100	-20000	22400	-15200	14300	-13800	15100	-15700
22	29300	-21700	31600	-23600	23700	-21100	19700	-18200	15600	-12500	16000	-15600
23	24300	-18700	29600	-22700	21800	-19700	21800	-14300	14000	-14500	20300	-17300
24	21600	-18300	30500	-21700	23400	-20600	17200	-14300	18800	-16300	22600	-19900
25	21300	-16800	32000	-22000	22200	-21200	21800	-13700	23800	-21000	27500	-22800
26	25100	-18900	31500	-23900	26000	-20400	23800	-20500	24000	-23500	27700	-23200
27	22900	-22300	30500	-23300	25800	-23500	24800	-20000	28600	-25600	28500	-22900
28	25100	-22200	35700	-25700	25900	-24200	28400	-21600	28000	-25600	26200	-22300
29	26900	-25000	33500	-25500	25500	-21100	26400	-22700	25700	-25500	31400	-19700
30	24600	-25600	36000	-26200	26100	-23700	30000	-24300	30200	-22100	27700	-17500
31	---	---	37400	-24200	---	---	30000	-22600	25100	-19300	---	---
MONTH	35500	-33600	37400	-31300	37900	-32300	38300	-30500	31200	-26400	31400	-23200

