

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC

LOCATION.--Lat 32°23'40'', long 80°40'32'', Beaufort County, Hydrologic Unit 03050208, attached to concrete pier of SC Highway 802 bridge near U.S. Naval Hospital in Port Royal near main channel of Beaufort River (Intracoastal Waterway), approximately 1,000 ft from west end of bridge.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2001 to September 2002.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 10.55 ft below NGVD of 1929.

REMARKS.--Records fair except Dec. 1, 2001 to May 22, 2002 which are poor. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 136,000 ft³/s, July 23, 2001; minimum discharge, -129,000 ft³/s, July 21, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 124,000 ft³/s, Aug. 8; minimum discharge, -121,000 ft³/s, Aug. 9.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	103000	-99400	95900	-96900	96900	-91400	95500	-92900
2	---	---	---	---	97000	-100000	100000	-95000	102000	-91100	99100	-93600
3	---	---	---	---	111000	-99600	108000	-103000	94200	-92400	103000	-94600
4	---	---	---	---	100000	-104000	94700	-96200	94400	-95300	106000	-91400
5	---	---	---	---	99500	-98500	97500	-95700	95500	-89700	96800	-89000
6	---	---	---	---	102000	-98800	97600	-95300	96400	-89200	90700	-87400
7	---	---	---	---	104000	-90300	97900	-92600	89500	-86900	91600	-88800
8	---	---	---	---	99200	-90500	90800	-92600	87700	-81600	84400	-86700
9	---	---	---	---	92900	-89200	86000	-84500	81700	-84400	85400	-84100
10	---	---	104000	-92300	84300	-78200	83500	-77500	84400	-78200	87700	-84100
11	---	---	95100	-81300	89200	-76500	76900	-78400	76200	-79400	87300	-84300
12	---	---	87200	-74500	81600	-73900	79500	-78000	80800	-76200	98700	-91500
13	---	---	78700	-71600	68700	-75300	81700	-75900	80300	-84600	---	---
14	---	---	79500	-67500	67000	-71200	84700	-81500	93100	-85100	---	---
15	---	---	76200	-69700	82200	-79300	85500	-85300	107000	-101000	---	---
16	---	---	83200	-73300	85100	-85600	91000	-91000	110000	-111000	---	---
17	---	---	83300	-82100	93000	-97900	102000	-98900	116000	-119000	---	---
18	---	---	84900	-87300	103000	-97000	108000	-108000	125000	-124000	---	---
19	---	---	93200	-96400	112000	-110000	111000	-117000	123000	-125000	116000	-112000
20	---	---	97000	-102000	114000	-109000	124000	-125000	122000	-120000	114000	-106000
21	---	---	101000	-106000	111000	-119000	131000	-129000	120000	-118000	102000	-99400
22	---	---	110000	-110000	114000	-117000	132000	-125000	114000	-107000	100000	-95400
23	---	---	114000	-115000	120000	-116000	136000	-115000	109000	-97700	91100	-88400
24	---	---	113000	-113000	118000	-114000	118000	-112000	100000	-89700	83100	-82800
25	---	---	112000	-109000	115000	-110000	115000	-99200	95600	-88800	76700	-77400
26	---	---	109000	-106000	112000	-101000	103000	-91300	95000	-94000	78700	-75300
27	---	---	106000	-103000	106000	-95000	95500	-89300	87900	-91400	78900	-77000
28	---	---	106000	-94800	99000	-95300	91700	-92200	82700	-85600	89700	-79100
29	---	---	101000	-93800	95500	-92800	88100	-92600	89000	-89000	93700	-84100
30	---	---	98000	-100000	99300	-98800	92800	-87700	96900	-85900	99200	-91400
31	---	---	90200	-95500	---	---	100000	-92600	95900	-89300	---	---
MONTH	---	---	---	---	120000	-119000	136000	-129000	125000	-125000	---	---

BROAD RIVER BASIN

02176611 BEAUFORT RIVER NEAR PORT ROYAL, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	98800	-96700	91400	-96200	90100	-97900	92700	-103000	107000	-104000	107000	-110000
2	97900	-98000	94600	-95300	94100	-97200	106000	-100000	95800	-98300	112000	-106000
3	97100	-101000	92400	-93900	101000	-98800	104000	-104000	102000	-89400	92600	-90500
4	94900	-95900	87600	-88500	99700	-97800	85100	-89300	87500	-81000	83100	-77800
5	89600	-93800	91800	-88400	93600	-95400	83300	-91500	80000	-77000	59600	-69000
6	85300	-87600	95400	-88200	92000	-93900	75900	-83600	85000	-84800	62300	-67800
7	88600	-79400	88400	-88900	86500	-90400	62800	-81300	82400	-89700	57900	-68400
8	89600	-84300	90500	-86900	84900	-91800	58300	-74900	68700	-81500	58800	-68200
9	86800	-83100	82500	-88900	78500	-91800	67700	-87600	79000	-83000	67500	-73700
10	93500	-90000	88300	-96300	92300	-92800	67000	-80000	88600	-88500	78600	-70400
11	95100	-93600	91300	-98400	94500	-100000	77500	-85600	78100	-82200	88800	-79900
12	99000	-97400	105000	-102000	98400	-103000	80600	-92800	87800	-88000	84100	-85600
13	110000	-104000	116000	-110000	98100	-103000	79600	-82600	81900	-88300	85200	-93000
14	120000	-111000	112000	-109000	93600	-103000	87100	-88800	88200	-88200	72700	-85100
15	122000	-113000	110000	-108000	86500	-92800	71500	-80800	85100	-83600	81900	-89300
16	121000	-118000	110000	-108000	93000	-92800	77100	-82500	74000	-82200	82800	-88700
17	122000	-111000	97200	-97100	83800	-87400	70200	-77500	72200	-73700	84000	-84600
18	118000	-107000	88500	-89700	74200	-80600	56300	-68900	63200	-68300	84200	-83900
19	110000	-104000	84900	-85500	74300	-75900	64100	-68700	58800	-66400	78600	-76200
20	97800	-94400	79000	-77400	67900	-70400	52000	-68500	59500	-63200	71400	-71900
21	94700	-89100	77700	-72500	64700	-61500	51900	-65400	69800	-67400	68800	-62200
22	85500	-79200	66100	-71900	62300	-68400	55200	-61100	68600	-66400	76600	-64800
23	77400	-76900	61600	-68100	57500	-72200	60800	-69100	67200	-76700	65300	-68300
24	67000	-76100	56200	-70100	60300	-69400	68500	-73400	87900	-89200	63100	-81200
25	63100	-70700	61900	-73800	56800	-70000	77400	-82100	99200	-107000	76400	-92000
26	62900	-61200	69800	-77300	73500	-82900	88500	-93300	102000	-112000	90300	-100000
27	77000	-74600	73700	-84700	70900	-89400	99000	-104000	101000	-102000	102000	-109000
28	85100	-81100	80500	-92000	75400	-91200	99300	-109000	109000	-118000	114000	-113000
29	85000	-89000	82700	-96500	83800	-101000	109000	-106000	---	---	113000	-119000
30	83300	-91500	87600	-94000	87000	-103000	109000	-110000	---	---	106000	-114000
31	87600	-96300	---	---	88700	-102000	108000	-110000	---	---	102000	-104000
MONTH	122000	-118000	116000	-110000	101000	-103000	109000	-110000	109000	-118000	114000	-119000
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	91900	-90100	---	---	87500	-78000	76800	-76300	75900	-77600	89100	-81700
2	89900	-86500	---	---	82200	-75200	74000	-73800	86100	-79900	94800	-90100
3	73600	-72800	---	---	84300	-81600	74600	-73200	92300	-85000	98700	-99000
4	73400	-66400	---	---	81500	-82300	78900	-83400	88800	-93400	110000	-104000
5	70500	-66800	---	---	83700	-87800	85600	-85100	98800	-97400	116000	-111000
6	78600	-65000	---	---	84200	-88700	92000	-92100	111000	-109000	123000	-120000
7	79900	-65900	---	---	94500	-89400	102000	-97000	121000	-116000	123000	-120000
8	68400	-67700	---	---	105000	-99200	103000	-97700	124000	-118000	123000	-118000
9	66600	-68900	---	---	112000	-102000	101000	-102000	122000	-121000	117000	-112000
10	66800	-74500	---	---	111000	-108000	105000	-107000	123000	-117000	110000	-114000
11	84200	-81700	---	---	111000	-110000	109000	-108000	119000	-113000	111000	-104000
12	73100	-89300	---	---	109000	-106000	109000	-112000	115000	-107000	109000	-100000
13	76000	-92400	---	---	105000	-106000	---	---	110000	-101000	98900	-101000
14	74400	-87000	---	---	107000	-103000	---	---	101000	-93000	97200	-90900
15	71200	-82800	---	---	107000	-104000	---	---	93800	-89800	84100	-84800
16	70400	-76200	---	---	104000	-100000	---	---	90200	-85900	88600	-82300
17	72200	-74400	---	---	100000	-96600	---	---	94000	-93100	94200	-91600
18	63000	-71700	---	---	105000	-97700	---	---	90100	-92600	---	---
19	58000	-64300	---	---	109000	-97400	---	---	102000	-94700	---	---
20	48900	-64300	---	---	111000	-98400	---	---	99300	-90500	103000	-99400
21	60000	-69200	---	---	115000	-104000	113000	-107000	102000	-93900	100000	-96100
22	56700	-75300	---	---	118000	-112000	107000	-106000	99200	-96500	97300	-96100
23	84300	-86500	121000	-113000	115000	-106000	101000	-101000	99700	-92100	96800	-95600
24	89300	-98000	116000	-118000	109000	-107000	100000	-102000	97300	-88700	93400	-92700
25	96400	-104000	120000	-117000	108000	-105000	95700	-100000	90000	-91000	94800	-89100
26	102000	-119000	113000	-113000	105000	-94500	101000	-93200	94400	-87600	90300	-88800
27	110000	-114000	119000	-105000	102000	-88500	95300	-80500	84000	-79700	77400	-81100
28	95800	-107000	117000	-106000	98000	-80800	82800	-78400	87100	-80800	83300	-80200
29	86700	-102000	115000	-104000	84300	-77200	76200	-81500	84200	-83000	88800	-76900
30	---	---	110000	-95800	77500	-72900	78400	-72800	84000	-70900	90400	-85400
31	---	---	101000	-82100	---	---	77700	-77100	82700	-75800	---	---
MONTH	---	---	---	---	118000	-112000	---	---	124000	-121000	---	---