

02167557 BUSH RIVER AT JOANNA, SC

LOCATION.--Lat 34°24'28'', long 81°49'35'', Laurens County, Hydrologic Unit 03050108, downstream side of bridge on State Highway 66, 1.0 mi west of Joanna.

DRAINAGE AREA.--11.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1995 to current year.

GAGE.--Data collection platform. Elevation of gage is 530 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair.

Discharge, cubic feet per second												
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004												
DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	5.0	4.7	5.1	9.4	38	33	15	0.52	16	1.5	0.01
2	1.1	4.1	3.9	4.3	7.9	29	23	26	0.49	26	0.48	0.01
3	1.0	3.6	3.5	4.1	31	26	19	30	0.42	266	27	0.01
4	1.0	3.5	5.6	4.4	25	17	9.7	12	0.40	51	16	0.01
5	0.99	15	21	6.2	17	13	5.9	6.8	0.41	35	2.3	0.01
6	0.97	17	13	16	80	13	4.6	5.2	0.40	33	0.60	0.02
7	1.1	13	7.4	12	248	13	4.1	4.9	0.38	27	0.23	23
8	1.5	9.1	5.4	9.6	44	8.6	6.7	4.4	1.9	15	0.14	182
9	1.8	5.4	5.4	10	27	4.9	10	3.4	13	5.7	0.11	44
10	3.8	3.6	15	11	17	6.1	5.7	2.8	10	1.9	0.09	19
11	4.4	3.3	33	8.7	8.7	5.5	4.8	2.5	5.0	1.0	0.08	6.4
12	4.4	3.3	18	6.6	65	4.2	25	2.1	2.5	0.70	13	3.5
13	5.7	3.4	13	6.8	50	3.7	53	13	1.9	0.50	39	2.5
14	5.1	3.0	40	7.5	34	3.5	41	9.1	2.5	0.35	5.1	2.0
15	3.6	2.4	29	6.7	90	7.1	24	5.2	12	0.22	0.86	1.9
16	2.5	2.4	19	5.0	101	25	12	3.1	15	0.13	0.39	2.4
17	2.2	2.5	14	4.6	37	14	7.7	2.4	9.5	0.09	0.16	6.0
18	2.1	2.7	13	11	25	7.5	6.6	2.0	4.2	0.34	0.07	6.1
19	2.1	26	11	17	19	6.1	5.5	2.0	2.3	3.1	0.03	7.1
20	2.1	33	8.5	8.4	12	5.9	4.5	1.9	1.5	0.79	0.01	3.7
21	2.2	16	6.2	5.5	9.3	18	3.9	2.0	8.1	0.28	0.01	2.2
22	2.3	8.4	5.1	5.1	11	12	3.4	2.0	25	0.14	0.00	1.4
23	2.3	5.1	4.8	5.5	6.6	5.0	3.3	1.8	16	0.10	0.00	1.0
24	2.5	4.3	5.3	4.2	5.7	4.0	3.1	1.6	15	0.08	0.00	0.83
25	2.5	4.2	5.4	12	5.3	3.6	2.7	1.2	15	0.07	0.00	0.74
26	2.7	3.8	4.6	27	15	3.9	2.6	1.0	13	0.48	0.00	0.73
27	3.4	4.0	4.4	22	34	5.5	3.0	0.85	20	0.39	0.00	30
28	3.6	4.5	4.4	24	38	5.4	3.0	0.73	35	2.1	0.00	334
29	5.6	5.0	5.6	23	47	3.6	2.6	0.63	21	1.4	0.00	64
30	7.7	5.0	7.4	17	---	14	2.3	0.61	14	25	0.00	30
31	6.6	---	7.3	11	---	66	---	0.53	---	9.0	0.01	---
TOTAL	89.96	221.6	343.9	321.3	1119.9	392.1	335.7	166.75	266.42	522.86	107.17	774.57
MEAN	2.90	7.39	11.1	10.4	38.6	12.6	11.2	5.38	8.88	16.9	3.46	25.8
MAX	7.7	33	40	27	248	66	53	30	35	266	39	334
MIN	0.97	2.4	3.5	4.1	5.3	3.5	2.3	0.53	0.38	0.07	0.00	0.01
CFSM	0.26	0.67	1.00	0.93	3.48	1.14	1.01	0.48	0.80	1.52	0.31	2.33
IN.	0.30	0.74	1.15	1.08	3.75	1.31	1.13	0.56	0.89	1.75	0.36	2.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	7.50	11.2	12.1	17.6	26.5	29.7	25.3	11.1	6.32	7.25
MAX	22.8	31.2	30.2	43.0	50.1	66.5	61.9	32.7	11.7	21.7
(WY)	1997	1996	2003	1998	1998	2003	2003	2003	2003	1995
MIN	0.30	1.13	1.51	4.61	4.79	10.1	3.58	2.90	0.06	0.13
(WY)	2002	2002	2002	2001	2001	1999	2001	2001	2002	2002

SANTEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1995 - 2004	
ANNUAL TOTAL	8086.41		4662.23		14.0	
ANNUAL MEAN	22.2		12.7		25.0 2003	
HIGHEST ANNUAL MEAN					5.42 2002	
LOWEST ANNUAL MEAN					730 Apr 18 2003	
HIGHEST DAILY MEAN	730	Apr 18	334	Sep 28	730 Apr 18 2003	
LOWEST DAILY MEAN	0.39	Jun 27	0.00	a Aug 22	0.00 b Aug 28 2001	
ANNUAL SEVEN-DAY MINIMUM	0.69	Jun 24	0.00	Aug 22	0.00 Aug 28 2001	
MAXIMUM PEAK FLOW			593	Sep 28	Unknown Apr 18 2003	
MAXIMUM PEAK STAGE			7.07	Sep 28	9.49 Apr 18 2003	
ANNUAL RUNOFF (CFSM)	2.00		1.15		1.26	
ANNUAL RUNOFF (INCHES)	27.10		15.62		17.17	
10 PERCENT EXCEEDS	37		28		25	
50 PERCENT EXCEEDS	5.4		5.1		5.0	
90 PERCENT EXCEEDS	1.4		0.37		0.70	

a Also occurred Aug. 23-30.
 B Also occurred many days in 2001, 2002, and Aug. 23-30, 2004.

