

SANTEE RIVER BASIN

02167563 BUSH RIVER AT NEWBERRY, SC

LOCATION.--Lat 34°14'31'', long 81°38'49'', Newberry County, Hydrologic Unit 03050109, upstream side of bridge on State Highway 34, about 1.75 mi west of Newberry.

DRAINAGE AREA.--62.2 mi².

PERIOD OF RECORD.--March 1999 to current year.

GAGE.--Data collection platform. Elevation of gage is 375 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	13	31	16	41	e210	e297	e35	76	32	e100	15
2	36	11	27	19	35	e130	e196	e29	1180	27	e44	13
3	24	11	24	17	80	e79	e100	e27	714	329	e29	11
4	21	14	23	17	99	e64	e69	e24	353	376	e25	9.9
5	18	27	21	16	77	e54	e55	e22	e100	75	e25	8.8
6	21	25	22	16	45	e48	e48	e21	e60	43	e17	8.1
7	20	25	28	16	35	e46	e53	e23	57	33	e15	7.4
8	17	18	27	16	30	e63	e72	e23	e60	28	e16	6.2
9	14	14	27	17	27	e76	e84	e17	e57	25	90	6.3
10	13	12	62	16	31	e67	e62	e16	e50	23	e65	6.0
11	12	11	75	14	27	e49	e48	21	e41	22	e35	5.8
12	11	15	49	14	24	e43	e48	20	e35	20	e32	4.8
13	12	23	35	15	22	e40	392	20	e32	22	e29	4.4
14	14	19	27	83	26	e40	317	21	e27	27	e24	4.3
15	16	15	23	113	42	e42	e132	18	e22	21	e20	4.4
16	13	14	21	71	43	e111	e69	16	e20	19	14	4.7
17	13	13	20	37	35	e228	e49	15	e17	18	34	4.1
18	12	13	20	27	27	e182	e41	14	e15	27	72	3.9
19	11	12	19	23	23	e97	e35	16	e12	18	248	3.7
20	10	12	17	22	22	e66	e31	e57	e14	30	245	3.8
21	10	12	17	22	198	54	e28	e68	e13	23	90	3.5
22	10	16	18	20	653	50	e32	e70	e19	16	139	3.4
23	9.8	173	20	19	e400	89	e65	e29	18	26	82	3.5
24	14	67	23	17	263	e81	e49	e18	16	18	37	3.4
25	17	92	20	17	208	e68	e42	e12	15	14	31	3.3
26	15	58	20	18	127	e52	e33	10	15	12	27	3.4
27	13	42	19	17	79	e59	e34	8.2	24	10	21	4.0
28	13	42	17	15	252	503	e30	5.8	111	8.6	18	4.3
29	14	34	16	16	---	e378	e28	7.1	77	14	16	4.1
30	15	29	16	38	---	e180	e29	43	42	148	15	4.5
31	14	---	16	52	---	e221	---	37	---	201	18	---
TOTAL	510.8	882	800	836	2971	3470	2568	763.1	3292	1705.6	1673	173.0
MEAN	16.5	29.4	25.8	27.0	106	112	85.6	24.6	110	55.0	54.0	5.77
MAX	58	173	75	113	653	503	392	70	1180	376	248	15
MIN	9.8	11	16	14	22	40	28	5.8	12	8.6	14	3.3
CFSM	0.26	0.47	0.41	0.43	1.71	1.80	1.38	0.40	1.76	0.88	0.87	0.09
IN.	0.31	0.53	0.48	0.50	1.78	2.08	1.54	0.46	1.97	1.02	1.00	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

	1999	2000	2001	2002	2003	2004	2005
MEAN	14.0	29.6	38.0	42.6	88.1	129	74.0
MAX	26.2	75.7	122	91.2	134	326	242
(WY)	2003	2003	2003	2000	2003	2003	2003
MIN	4.09	9.53	13.1	23.8	29.1	54.1	31.1
(WY)	2002	2002	2002	2001	2001	2004	2004

02167563 BUSH RIVER AT NEWBERRY, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	12849.4		19644.5		47.6	
ANNUAL MEAN	35.1		53.8		104 2003	
HIGHEST ANNUAL MEAN					28.0 2002	
LOWEST ANNUAL MEAN					e 1880 Mar 20 2003	
HIGHEST DAILY MEAN	394	Sep 8	1180	Jun 2	0.00 a Aug 12 2002	
LOWEST DAILY MEAN	2.8	Sep 6	3.3	Sep 25	0.01 Aug 8 2002	
ANNUAL SEVEN-DAY MINIMUM	3.2	Aug 31	3.5	Sep 20	Unknown Mar 20 2003	
MAXIMUM PEAK FLOW			1590	Jun 2	16.90 Mar 20 2003	
MAXIMUM PEAK STAGE			12.97	Jun 2	0.765	
ANNUAL RUNOFF (CFSM)	0.564		0.865		10.39	
ANNUAL RUNOFF (INCHES)	7.68		11.75		90	
10 PERCENT EXCEEDS	67		100		20	
50 PERCENT EXCEEDS	19		23		4.5	
90 PERCENT EXCEEDS	5.9		10			

a Also occurred Aug. 13, 14, 2002.

e Estimated

