

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 sea level (from topographic map).

REMARKS.--Records good except those below 10 ft³/s, which are fair, and estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	8.9	14	14	270	35	30	23	5.8	12	9.4	12
2	11	15	13	15	202	31	28	20	6.0	10	14	88
3	9.8	18	13	14	120	28	31	23	5.6	9.0	22	25
4	22	14	13	15	91	50	33	23	5.2	6.9	37	73
5	32	14	12	17	73	60	32	25	7.9	5.4	18	64
6	20	13	13	15	60	72	27	21	7.3	4.0	12	29
7	16	13	12	15	51	45	24	18	4.4	4.5	9.8	61
8	13	13	12	15	45	37	25	15	5.0	8.0	8.2	24
9	11	11	12	15	41	33	27	14	5.1	11	6.8	15
10	10	9.9	13	209	39	32	23	13	5.0	9.5	5.9	11
11	13	11	15	142	37	35	24	13	4.5	6.4	6.5	9.9
12	25	16	14	101	36	45	21	12	4.1	5.5	5.8	9.1
13	25	14	14	42	38	37	25	11	4.1	11	4.4	8.0
14	20	23	26	30	339	34	27	11	4.2	15	3.8	7.2
15	15	17	29	24	299	31	92	10	6.1	9.7	3.6	7.1
16	12	13	28	20	179	33	80	9.5	6.0	7.5	3.2	6.9
17	11	11	20	18	81	37	58	8.6	5.1	6.8	2.7	6.7
18	9.9	9.7	19	17	61	35	39	8.8	6.6	5.4	2.2	7.5
19	9.1	9.8	16	17	54	33	31	9.0	11	4.4	1.8	15
20	9.0	10	18	26	48	288	26	8.7	16	3.5	1.6	10
21	14	12	24	23	43	227	24	8.2	21	3.0	1.5	8.9
22	13	13	34	21	38	182	21	8.5	22	2.6	1.6	34
23	11	12	36	99	37	76	19	8.2	25	2.7	1.8	e459
24	11	11	27	322	36	54	19	7.4	13	3.7	1.6	e354
25	10	13	19	418	34	45	31	7.6	8.0	11	1.7	e322
26	9.8	29	17	269	31	40	69	7.5	5.5	11	3.6	92
27	8.7	35	15	140	33	37	110	9.2	4.9	23	6.2	76
28	8.8	31	14	80	42	38	46	8.2	4.5	16	4.8	56
29	8.4	21	13	68	35	36	33	6.8	4.5	11	3.7	34
30	8.3	16	15	254	---	33	28	6.0	9.2	7.5	3.2	24
31	8.6	---	15	352	---	34	---	5.9	---	6.0	7.7	---
TOTAL	417.4	457.3	555	2827	2493	1833	1103	380.1	242.6	253.0	216.1	1949.3
MEAN	13.5	15.2	17.9	91.2	86.0	59.1	36.8	12.3	8.09	8.16	6.97	65.0
MAX	32	35	36	418	339	288	110	25	25	23	37	459
MIN	8.3	8.9	12	14	31	28	19	5.9	4.1	2.6	1.5	6.7
CFSM	.22	.25	.29	1.47	1.38	.95	.59	.20	.13	.13	.11	1.04
IN.	.25	.27	.33	1.69	1.49	1.10	.66	.23	.15	.15	.13	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2000, BY WATER YEAR (WY)

	1999	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999
MEAN	13.5	15.2	17.9	91.2	86.0	59.1	36.2	25.2	13.1	16.0	12.6	37.4
MAX	13.5	15.2	17.9	91.2	86.0	59.1	36.8	38.1	18.1	23.8	18.2	65.0
(WY)	2000	2000	2000	2000	2000	2000	2000	1999	1999	1999	1999	2000
MIN	13.5	15.2	17.9	91.2	86.0	59.1	35.6	12.3	8.09	8.16	6.97	9.84
(WY)	2000	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1999 - 2000	
ANNUAL TOTAL			12726.8			
ANNUAL MEAN			34.8		34.8	
HIGHEST ANNUAL MEAN					34.8	2000
LOWEST ANNUAL MEAN					34.8	2000
HIGHEST DAILY MEAN	281	May 1	459	Sep 23	459	Sep 23 2000
LOWEST DAILY MEAN	4.2	Sep 19	1.5	Aug 21	1.5	Aug 21 2000
ANNUAL SEVEN-DAY MINIMUM	4.7	Sep 14	1.7	Aug 19	1.7	Aug 19 2000
INSTANTANEOUS PEAK FLOW			Unknown	Sep 23	Unknown	Sep 23 2000
INSTANTANEOUS PEAK STAGE			10.55	Sep 23	10.55	Sep 23 2000
ANNUAL RUNOFF (CFSM)			.56		.56	
ANNUAL RUNOFF (INCHES)			7.61		7.60	
10 PERCENT EXCEEDS	35		68		56	
50 PERCENT EXCEEDS	14		15		15	
90 PERCENT EXCEEDS	8.6		5.1		5.7	

e Estimated

