

SANTEE RIVER BASIN

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

LOCATION.--Lat 35°07'12'', long 82°32'16'', Greenville County, Hydrologic Unit 03050109, on right bank, downstream side of bridge at State Road 41, 3.9 mi north of Cleveland, and 5.0 mi east of Caesars Head.

DRAINAGE AREA.--21.0 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Data collection platform. Elevation of gage is 1,078 ft above sea level (from topographic map).

REMARKS.--Records good except for 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	19	29	30	38	39	46	48	29	23	35	16
2	11	72	27	30	37	38	62	49	28	28	29	18
3	11	34	26	29	37	37	118	49	28	22	48	24
4	38	27	26	53	38	38	124	48	30	21	41	24
5	21	24	27	40	36	35	88	45	33	21	31	16
6	15	22	40	35	35	32	76	43	29	20	28	15
7	13	22	30	33	35	32	69	42	26	19	30	16
8	13	21	28	32	35	31	66	41	26	18	31	15
9	14	20	27	46	35	31	62	39	25	18	27	14
10	126	20	36	141	35	32	59	38	24	17	21	13
11	84	20	31	81	37	68	57	36	23	16	19	12
12	34	19	29	63	58	59	56	36	23	16	17	12
13	29	20	60	56	50	45	62	35	22	18	15	12
14	24	19	166	50	108	40	72	34	22	20	15	12
15	21	18	75	46	69	38	93	33	26	18	14	11
16	19	18	58	44	58	95	78	33	37	15	14	10
17	18	17	51	52	52	94	70	33	29	14	13	10
18	17	17	46	57	54	72	65	32	26	13	13	12
19	16	e16	41	53	50	65	62	31	27	13	12	14
20	28	e20	44	51	46	230	59	31	26	13	14	12
21	22	25	45	42	44	123	57	36	26	14	20	39
22	19	25	43	39	43	83	55	38	25	14	15	19
23	18	20	39	42	42	69	52	31	23	14	13	35
24	17	e20	37	41	41	66	57	54	22	25	14	18
25	16	e40	35	e38	41	62	59	40	21	30	12	17
26	16	e125	34	e40	39	59	53	36	21	19	11	15
27	16	e75	34	e40	48	56	50	34	22	21	12	12
28	15	e50	33	40	43	53	63	33	38	19	12	11
29	15	e35	32	38	40	51	54	32	35	17	11	11
30	15	31	31	42	---	50	50	31	25	25	11	10
31	16	---	30	39	---	48	---	30	---	48	14	---
TOTAL	749	911	1290	1463	1324	1871	1994	1171	797	609	612	475
MEAN	24.2	30.4	41.6	47.2	45.7	60.4	66.5	37.8	26.6	19.6	19.7	15.8
MAX	126	125	166	141	108	230	124	54	38	48	48	39
MIN	11	16	26	29	35	31	46	30	21	13	11	10
CFSM	1.15	1.45	1.98	2.25	2.17	2.87	3.17	1.80	1.27	.94	.94	.75
IN.	1.33	1.61	2.29	2.59	2.35	3.31	3.53	2.07	1.41	1.08	1.08	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
MEAN	38.2	46.8	63.6	75.3	80.2	86.4	78.4	64.0	53.7	40.2	43.5	32.1			
MAX	94.3	154	129	160	158	180	136	122	106	88.5	143	72.5			
(WY)	1990	1993	1984	1998	1990	1990	1993	1984	1992	1989	1994	1994			
MIN	13.3	13.6	25.1	19.6	37.4	32.8	34.8	27.3	21.3	18.9	12.8	11.0			
(WY)	1994	1982	1989	1981	1989	1988	1986	1986	1988	1981	1999	1999			

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02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC--Continued
 FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR

SUMMARY STATISTICS

WATER YEARS 1981 - 2000

ANNUAL TOTAL	13115.8	13266	
ANNUAL MEAN	35.9	36.2	58.9
HIGHEST ANNUAL MEAN			90.7
LOWEST ANNUAL MEAN			28.3
HIGHEST DAILY MEAN	253	Apr 1	1160
LOWEST DAILY MEAN	7.4	a Sep 11	7.4
ANNUAL SEVEN-DAY MINIMUM	7.5	Sep 11	7.5
INSTANTANEOUS PEAK FLOW		411	Mar 20
INSTANTANEOUS PEAK STAGE		4.20	Mar 20
INSTANTANEOUS LOW FLOW		9.8	c Aug 29
ANNUAL RUNOFF (CFSM)	1.71	1.73	2.81
ANNUAL RUNOFF (INCHES)	23.23	23.50	38.11
10 PERCENT EXCEEDS	62	62	105
50 PERCENT EXCEEDS	30	31	45
90 PERCENT EXCEEDS	10	14	19

a Also occurred Sep. 12, 16, 1999.

b Also occurred Sep. 17, 30.

c Also occurred Aug. 30, 31, Sep. 16, 17.

d From rating curve extended above 1,110 ft³/s and on basis of contracted-opening measurement of peak flow.

e Estimated

